

Omnibus Survey: August 2001 Month Specific Information

This report presents the results of the August 2001 Household Survey. Each monthly survey will contain a set of core questions that are based on critical information needs within DOT. In addition, supplemental questions will be included each month that correspond to one of DOT's five strategic goals: safety, mobility, economic growth, human and natural environment, and security. Finally, specific questions posed by the various DOT modes will be included in each survey and will vary from month to month.

The August 2001 survey collected data between August 4, 2001 and August 13, 2001. Data were collected from households in the U.S. using a Random-Digit-Dialed telephone methodology. The final completed sample size is 1,038 cases, and the total number of variables in the public-use dataset is 203. The data were collected by M. Davis and Company, under contract with the BTS.

Sample Telephone Number Selection

M. Davis and Company purchased 11,271 telephone numbers for the August 2001 survey. A total of 6,893 of these numbers were identified as working residential numbers and were divided into 69 replicates. Each replicate contained approximately 100 households. Four of the replicates were used to conduct a pretest and 44 replicates were used for the actual interviewing. Twenty-Five (25) (includes the 4 replicates used for the pretest) of the 69 replicates were not utilized in the actual interviewing, resulting in 4,462 numbers being released for use by the telephone interviewers.

For this month's survey, the total number of telephone numbers in the sampling frame, N, is 257,144,100. The total number of telephone numbers in the sample (numbers dialed) is 4,342.

Specific Weight Adjustment for Households with Multiple Telephone Numbers

Some households have multiple telephone lines for voice communication.

The table below provides summary statistics for the number of telephone lines in the monthly sampled households.

Table 1: Number of Telephone Lines per Household

	Value
Mean	1.203
Standard deviation	0.558
Minimum	1
25th percentile	1
Median	1
75th percentile	1
Maximum	5

Specific Weight Adjustment for Number of Eligible Household Members

The probability of selecting an individual respondent depends upon the number of eligible respondents in the household.

The table below provides summary statistics for the number of eligible members in the monthly sampled households.

Table 2: Number of Eligible Household Members

	Value
Mean	2.013
Standard deviation	0.858
Minimum	1
25th percentile	1
Median	2
75th percentile	2
Maximum	6

Post-Stratification Weight Adjustments

Adjusting weighted survey counts so that they agree with population counts provided by the Census Bureau can compensate for different response rates by demographic subgroups, increase the precision of survey estimates, and reduce the bias present in the estimates resulting from the inclusion of only telephone households.

The cells, used to construct post-stratification adjustments for this month, together with the number of sample observations and the national population estimates from the Census Bureau are shown in the table below.

Table 3: Post-Stratification Cells

CELL	DESCRIPTION	SAMPLE SIZE	POPULATION
1	Male - Hispanic (Any Race)	45	10,167,034
2	Male – Non-Hispanic Black	34	9,883,467
3	Male – Age 18 – 24 - Non-Hispanic White	37	8,635,241
4	Male – Age 25 – 34 - Non-Hispanic White	60	11,985,017
5	Male – Age 35 – 44 - Non-Hispanic White	78	15,833,339
6	Male – Age 45 – 54 - Non-Hispanic White	72	14,165,493
7	Male – Age 55 – 64 - Non-Hispanic White	34	9,215,914
8	Male – Age 65 or older - Non-Hispanic White	70	11,755,768
9	Male – Non-Hispanic Other	32	4,146,032
10	Female - Hispanic (Any Race)	32	10,625,145
11	Female - Age 18 – 44 - Non-Hispanic Black	32	7,307,267
12	Female - Age 45 or older - Non-Hispanic Black	32	5,144,462
13	Female - Age 18 – 24 - Non-Hispanic White	27	8,531,226
14	Female - Age 25 – 34 - Non-Hispanic White	66	12,373,489
15	Female - Age 35 – 44 - Non-Hispanic White	91	16,061,583
16	Female - Age 45 – 54 - Non-Hispanic White	80	14,513,973

17	Female - Age 55 – 64 - Non-Hispanic White	62	9,837,412
18	Female - Age 65 or older - Non-Hispanic White	97	15,762,147
19	Female - Non-Hispanic Other	26	4,762,691
N/A	Missing Demographic Information	31	N/A
TOTAL		1,038	200,706,700

Data Collection Schedule

The survey was conducted over a ten-day period, from August 4, 2001 through August 13, 2001. A total of 1,038 interviews were completed during the survey period.

Disposition of Sample Telephone Numbers

The table below presents the distribution of household telephone numbers by disposition categories. The number of household cases in each category was then used in the above formula to calculate an overall response rate of approximately 38 percent.

Table 4: Distribution of Household Cases by Disposition

Disposition Category	Number of Households
Telephone Numbers Available	6,850
Telephone Numbers Released	4,462
Telephone Numbers Not Dialed	120
Telephone Numbers Dialed	4,342
Out-of-Scope Numbers (Ineligible)	953
BG - Business	238
CF - Computer/Fax	229
DS - Disconnected number	428
NC - Number change	40
NQ - No one 18 years old or older in household	6
UNB - Unavailable before and during study period	12
Scope Undetermined	1,777
NA - No answer	684
BZ - Busy	17
AM - Answering machine	331
CCC - Cannot complete call	0
PM - Privacy manager	53
NQL - Eligibility undetermined: language problems or deafness	19
RFI - Refused to speak with interviewer (screening incomplete)	72
HRI - Initial Refusal - Requested name be removed from calling list	498
OD - Maximum call attempts reached	103
In-Scope Numbers	1,612
Complete	1,038
Partial Complete	17
CB - Callback	221

Disposition Category	Number of Households
CBS - Callback Spanish	14
DL - Deaf/Language	57
RFQ - Respondent refusal	8
UN - Unavailable	80
DR - Respondent deceased prior to completion of interview	1
AC - The area code is changed but not the number	0
HRQ - Qualified Refusal - Requested name be removed from calling list	176
CASRO Response Rate	38.04%